

Goat anti-PHLPP2 Antibody

Item Number	dAP-1142
Target Molecule	Principle Name: PHLPP2; Official Symbol: PHLPL; All Names and Symbols: PHLPP2; PHLPL; PH domain and leucine rich repeat protein phosphatase-like ; KIAA0931; Accession Number (s): NP_055835.2; Human Gene ID(s): 23035; Non-Human GeneID(s):
Immunogen	PHEEDRTEPPEEFD, is from C Terminus
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Approx 140kDa band observed in Human Brain (Amygdala, Hippocampus, Substantia Nigra) lysates (calculated MW of 134kDa according to NP_055835.2). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Gao T, Furnari F, Newton AC. PHLPP: a phosphatase that directly dephosphorylates Akt, promotes apoptosis, and suppresses tumor growth. Mol Cell. 2005 Apr 1;18(1):13-24. .PMID: 15808505 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**